

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030136.D
 Acq On : 20 Jul 2022 16:46
 Operator : JC/MD
 Sample : N3765-02 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-01F-84DL

Quant Time: Jul 21 03:31:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

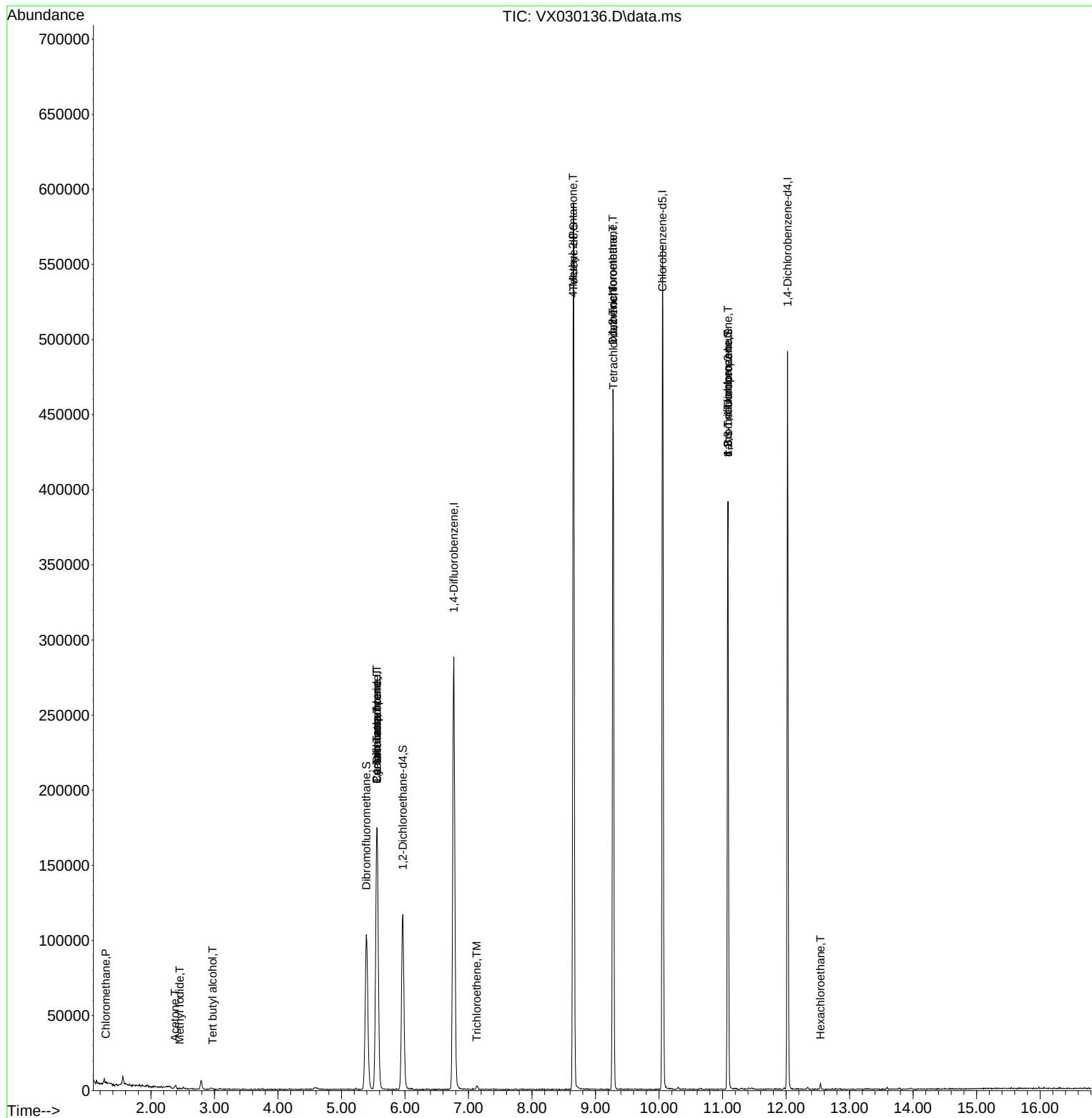
Internal Standards						
1) Pentafluorobenzene	5.556	168	166794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	296312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105228	51.832	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.660%
35) Dibromofluoromethane	5.391	113	91417	48.293	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.580%
50) Toluene-d8	8.653	98	346990	48.739	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.480%
62) 4-Bromofluorobenzene	11.085	95	106692	43.185	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.398	85	26	Below Cal	#	42
3) Chloromethane	1.288	50	363	0.209	ug/l #	87
10) Methyl Iodide	2.453	142	396	2.633	ug/l #	63
11) Tert butyl alcohol	2.971	59	375	0.716	ug/l #	74
16) Acetone	2.380	43	2164	2.262	ug/l #	74
17) Carbon Disulfide	2.508	76	1298	Below Cal	#	74
20) Methylene Chloride	2.794	84	2639	Below Cal		90
31) Cyclohexane	5.556	56	3813	1.296	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	14141	5.783	ug/l #	44
38) Carbon Tetrachloride	5.556	117	16777	7.358	ug/l #	18
44) Trichloroethene	7.129	130	917	0.408	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1664	0.532	ug/l #	1
55) 1,1,2-Trichloroethane	9.275	97	699	0.347	ug/l #	1
60) Dibromochloromethane	9.275	129	87965	44.804	ug/l #	11
64) Tetrachloroethene	9.281	164	86299	42.433	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	52960	23.645	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	52960	68.238	ug/l #	13
90) Hexachloroethane	12.542	117	534	0.537	ug/l	73

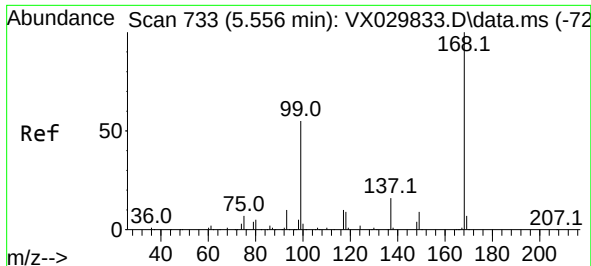
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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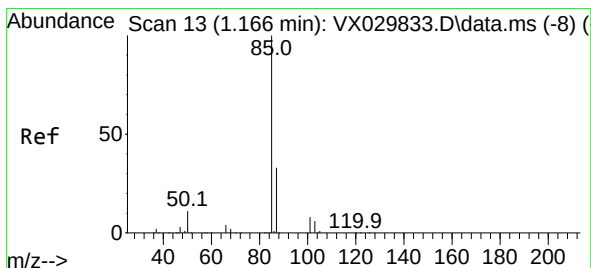
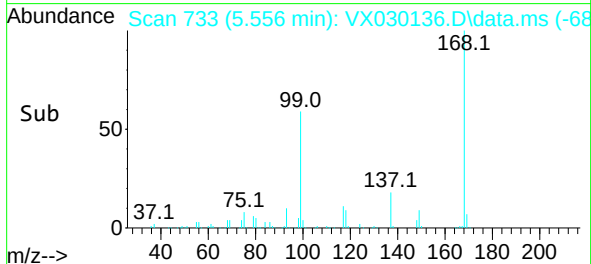
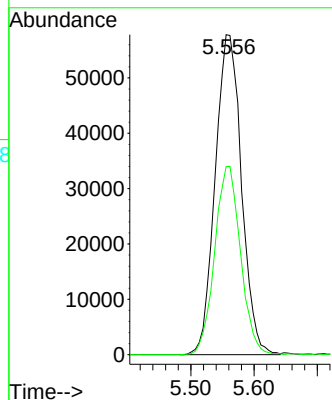
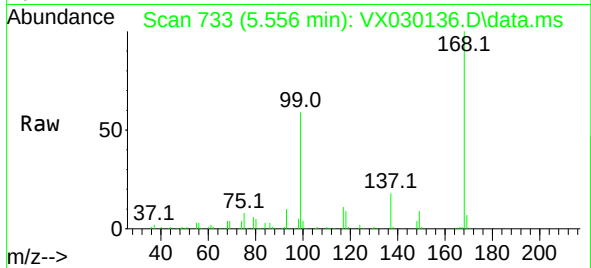




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

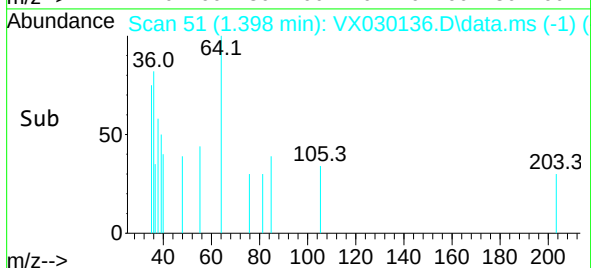
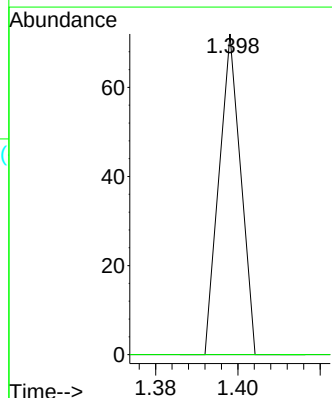
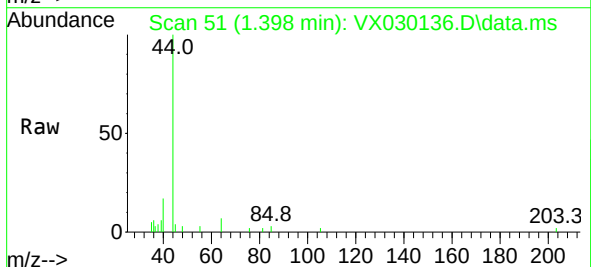
Instrument :
MSVOA_X
ClientSampleId :
SPC-01F-84DL

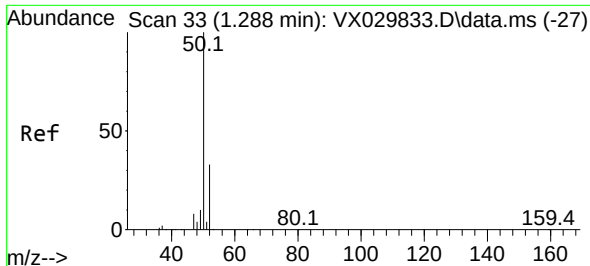
Tgt Ion:168 Resp: 166794
Ion Ratio Lower Upper
168 100
99 58.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.398 min Scan# 51
Delta R.T. 0.232 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

Tgt Ion: 85 Resp: 26
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

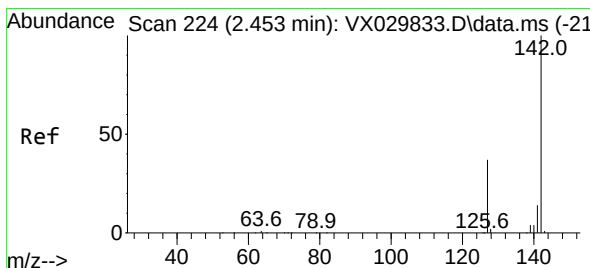
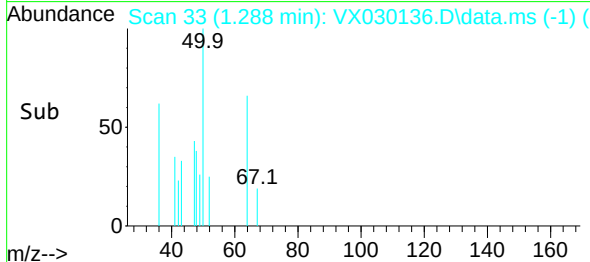
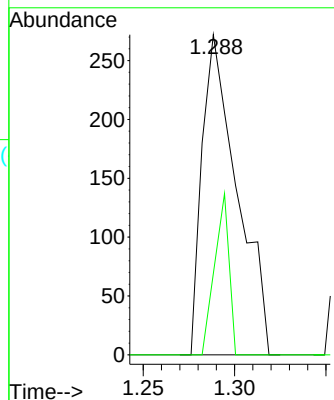
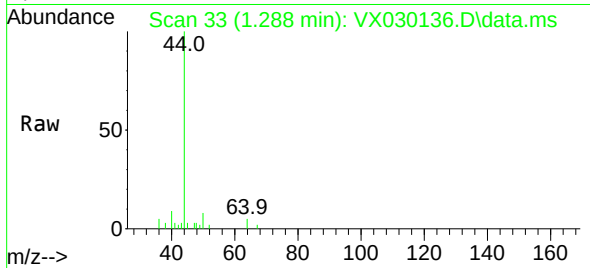




#3
Chloromethane
Concen: 0.209 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

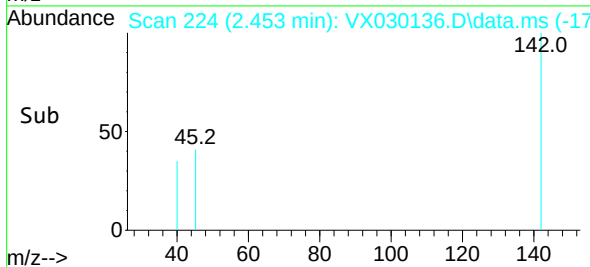
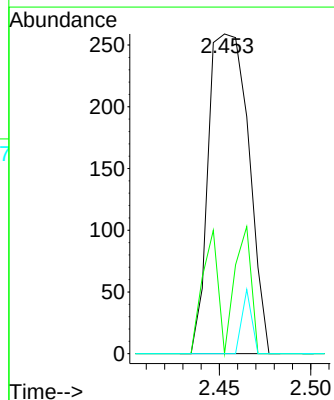
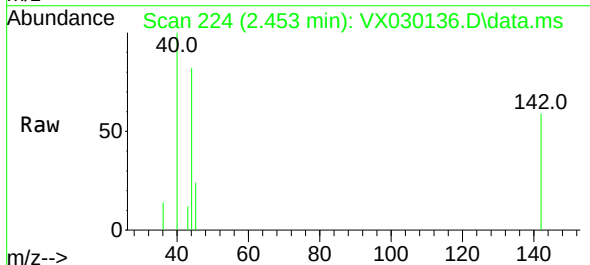
Instrument :
MSVOA_X
ClientSampleId :
SPC-01F-84DL

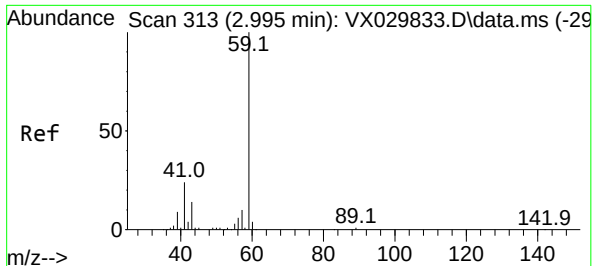
Tgt Ion: 50 Resp: 363
Ion Ratio Lower Upper
50 100
52 25.4 26.3 39.5#



#10
Methyl Iodide
Concen: 2.633 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

Tgt Ion: 142 Resp: 396
Ion Ratio Lower Upper
142 100
127 14.9 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 0.716 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.024 min

Lab File: VX030136.D

Acq: 20 Jul 2022 16:46

Instrument :

MSVOA_X

ClientSampleId :

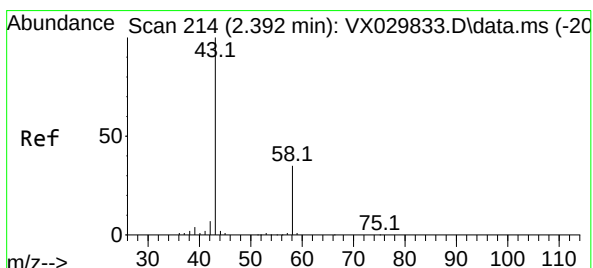
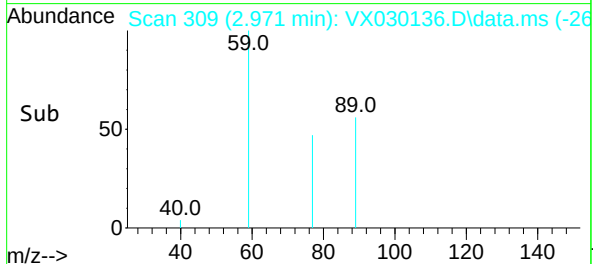
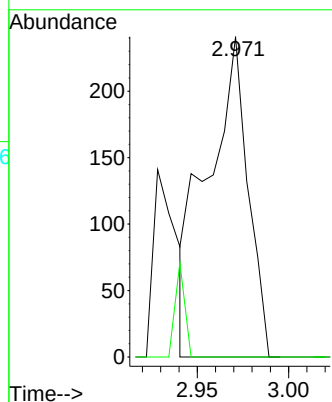
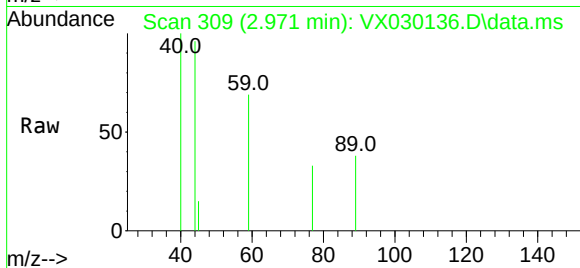
SPC-01F-84DL

Tgt Ion: 59 Resp: 375

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 2.262 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX030136.D

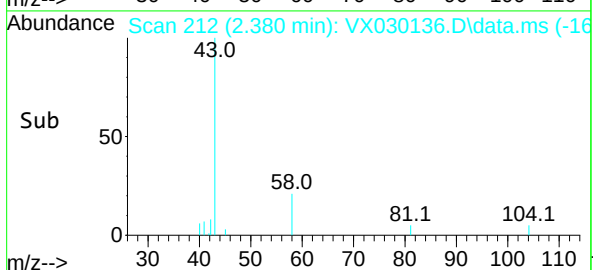
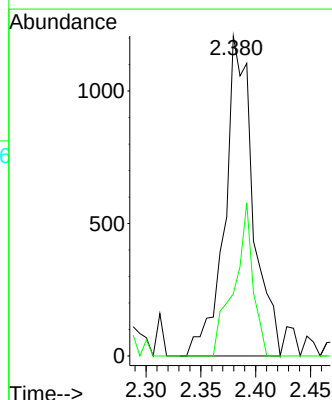
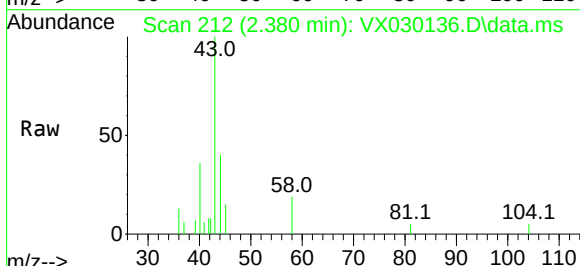
Acq: 20 Jul 2022 16:46

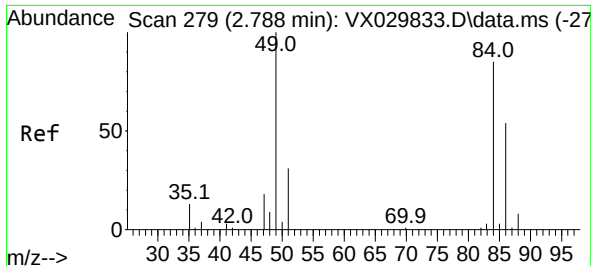
Tgt Ion: 43 Resp: 2164

Ion Ratio Lower Upper

43 100

58 19.5 27.7 41.5#



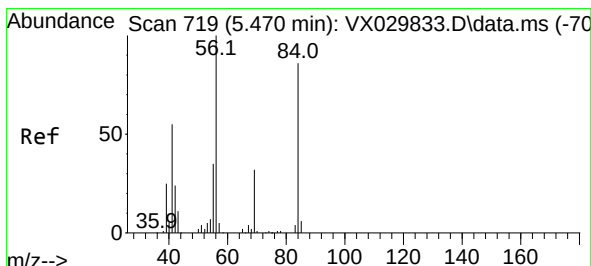
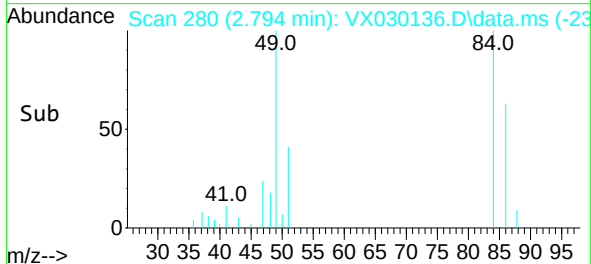
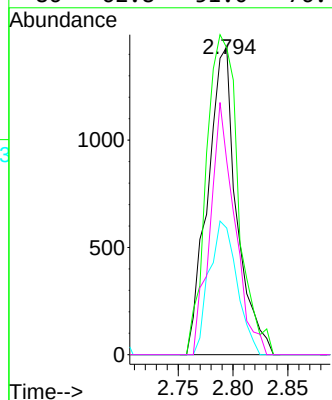
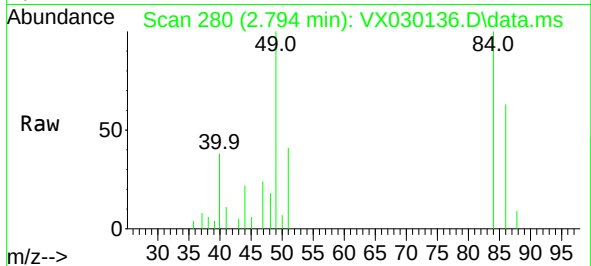


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

Instrument :
MSVOA_X
ClientSampleId :
SPC-01F-84DL

Tgt Ion: 84 Resp: 2639

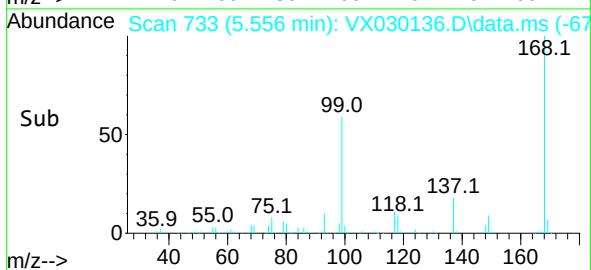
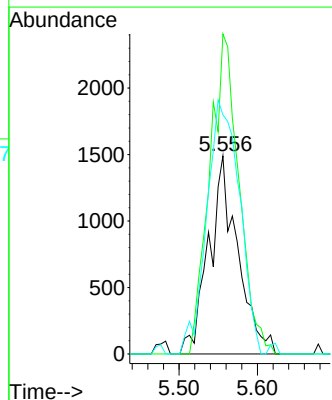
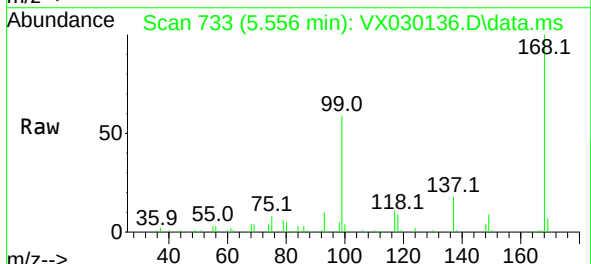
Ion	Ratio	Lower	Upper
84	100		
49	99.7	93.8	140.6
51	41.1	29.4	44.0
86	62.8	51.0	76.4

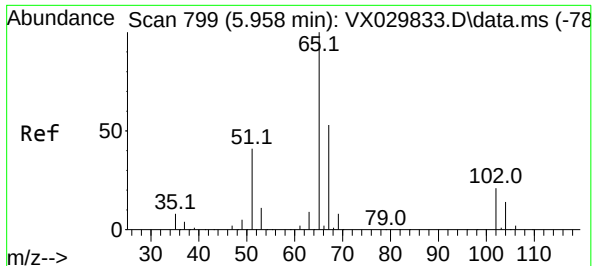


#31
Cyclohexane
Concen: 1.296 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

Tgt Ion: 56 Resp: 3813

Ion	Ratio	Lower	Upper
56	100		
69	161.5	25.4	38.0#
84	120.7	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 51.832 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030136.D

Acq: 20 Jul 2022 16:46

Instrument :

MSVOA_X

ClientSampleId :

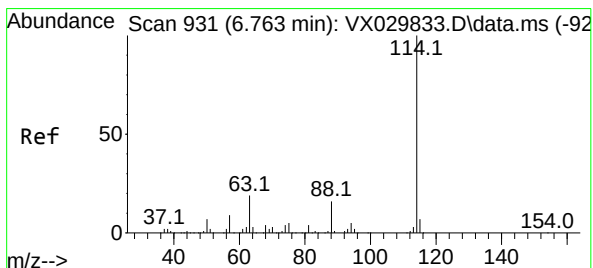
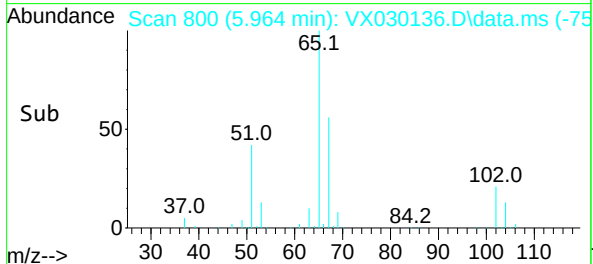
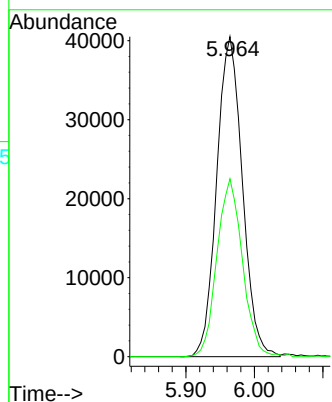
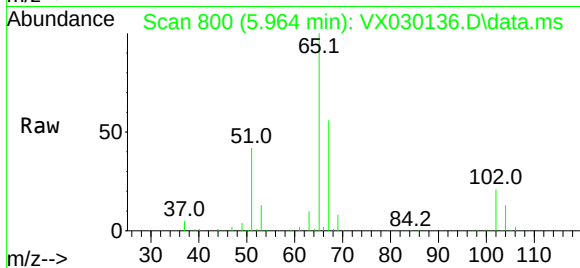
SPC-01F-84DL

Tgt Ion: 65 Resp: 105228

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030136.D

Acq: 20 Jul 2022 16:46

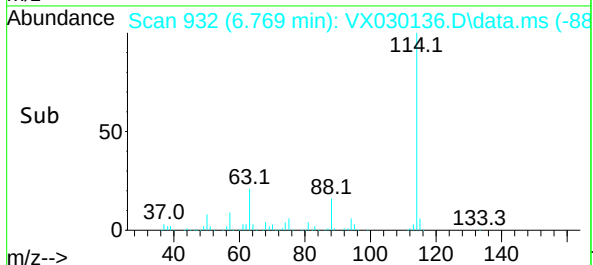
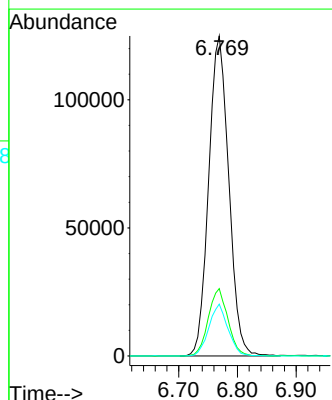
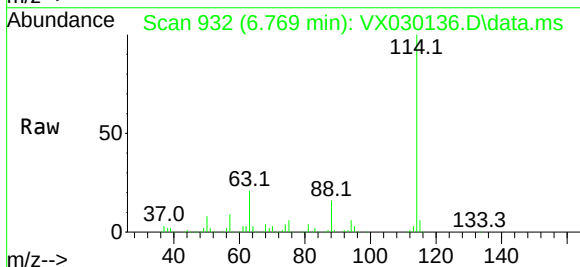
Tgt Ion: 114 Resp: 296312

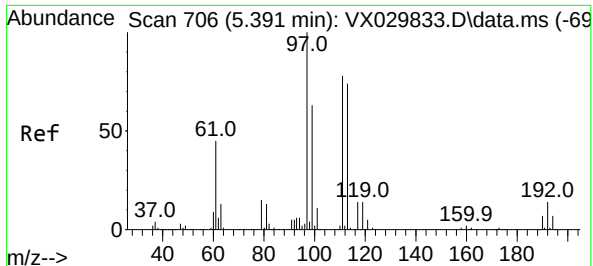
Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.4

88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.293 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030136.D

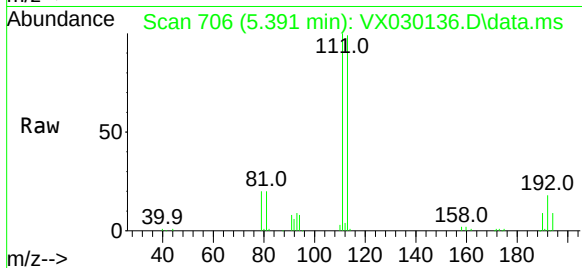
Acq: 20 Jul 2022 16:46

Instrument :

MSVOA_X

ClientSampleId :

SPC-01F-84DL



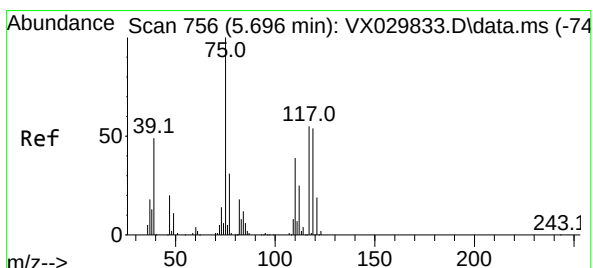
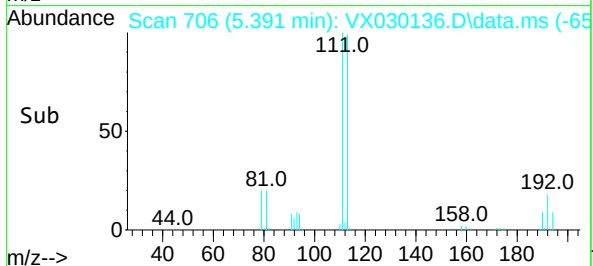
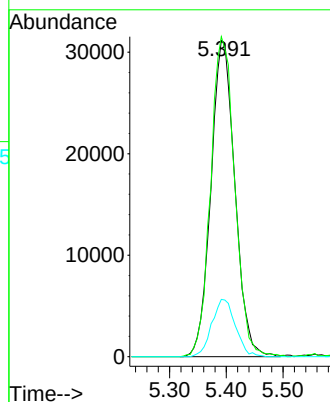
Tgt Ion:113 Resp: 91417

Ion Ratio Lower Upper

113 100

111 101.8 83.2 124.8

192 17.9 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.783 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030136.D

Acq: 20 Jul 2022 16:46

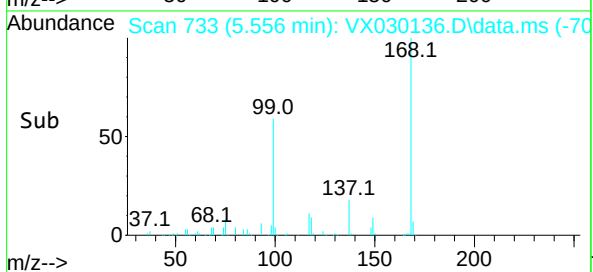
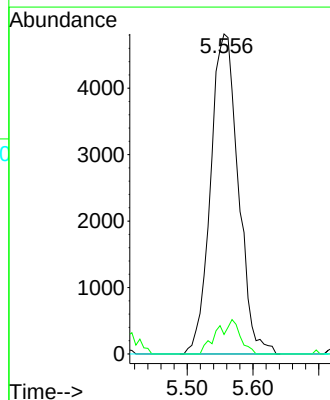
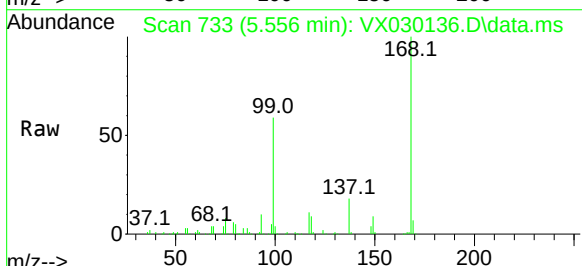
Tgt Ion: 75 Resp: 14141

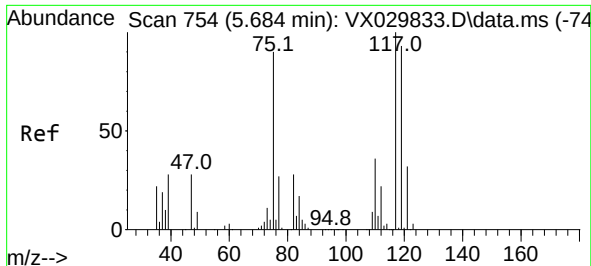
Ion Ratio Lower Upper

75 100

110 4.0 19.3 57.9#

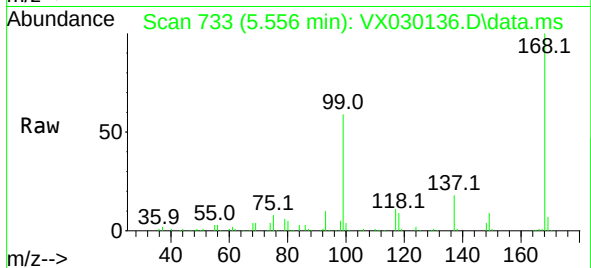
77 0.0 24.4 36.6#



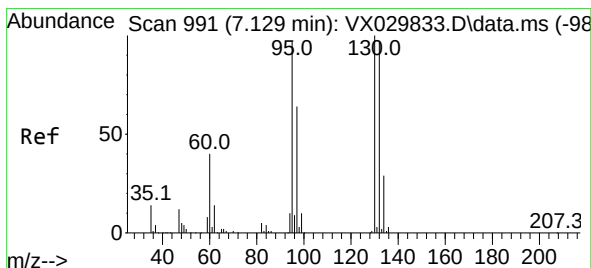
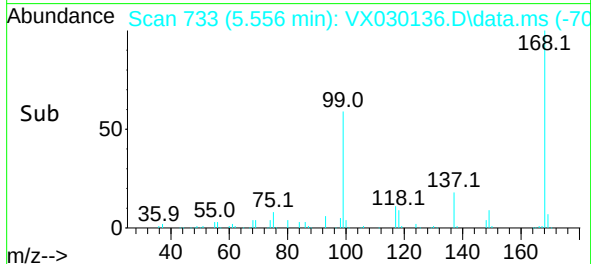
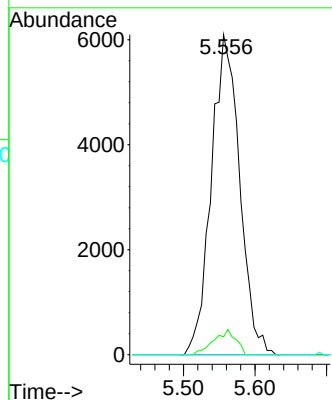


#38
Carbon Tetrachloride
Concen: 7.358 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

Instrument :
MSVOA_X
ClientSampleId :
SPC-01F-84DL

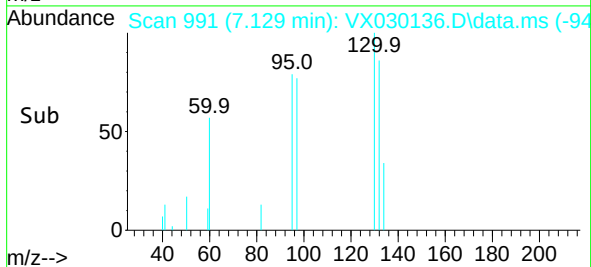
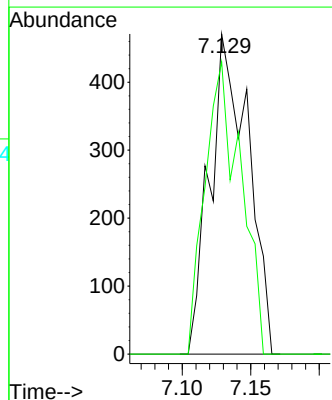
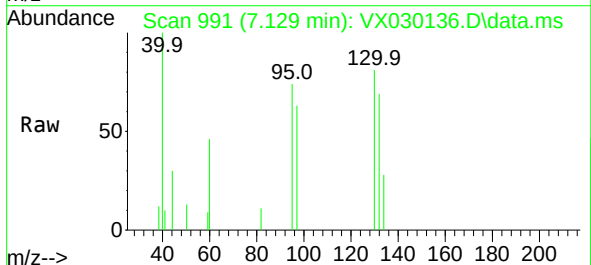


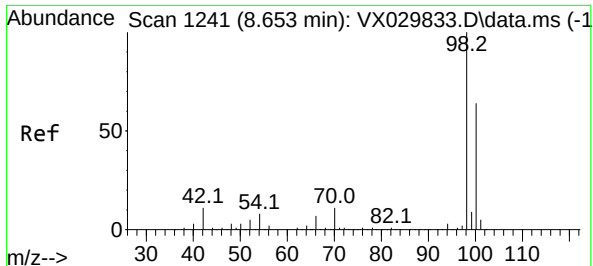
Tgt Ion:117 Resp: 16777
Ion Ratio Lower Upper
117 100
119 5.6 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.408 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

Tgt Ion:130 Resp: 917
Ion Ratio Lower Upper
130 100
95 91.3 0.0 194.8

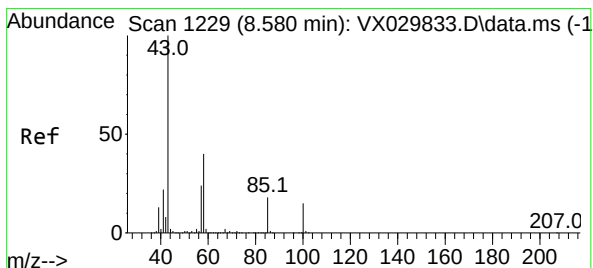
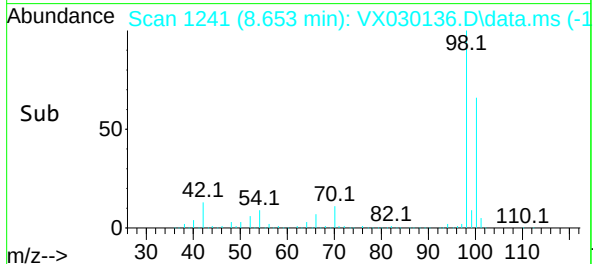
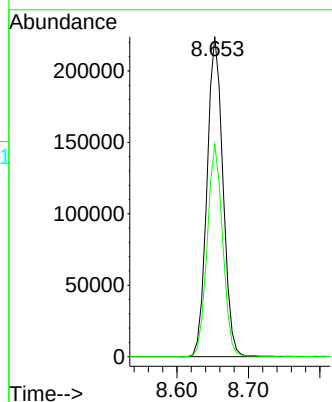
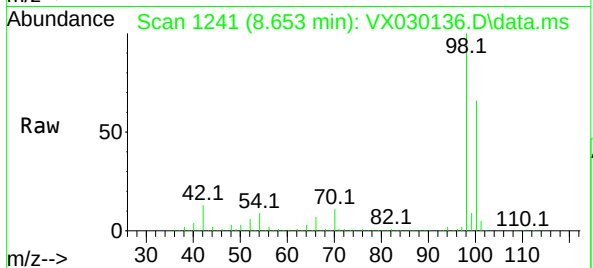




#50
Toluene-d8
Concen: 48.739 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

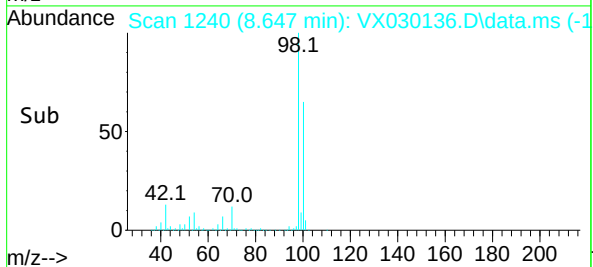
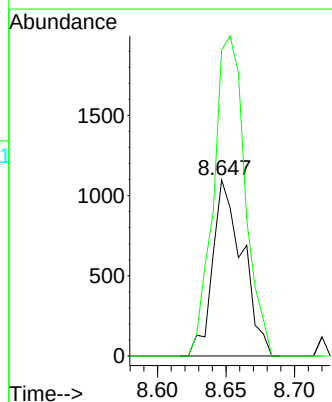
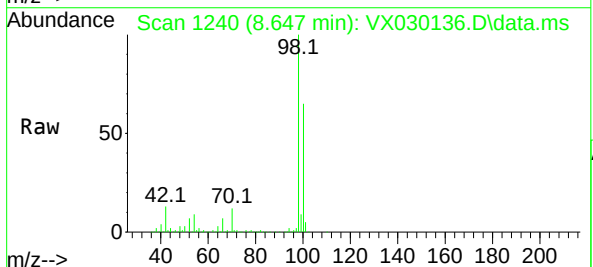
Instrument :
MSVOA_X
ClientSampleId :
SPC-01F-84DL

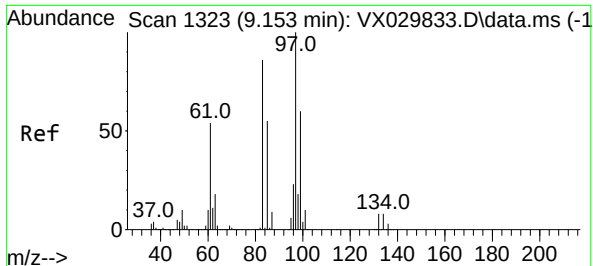
Tgt Ion: 98 Resp: 346990
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

Tgt Ion: 43 Resp: 1664
Ion Ratio Lower Upper
43 100
58 192.7 31.4 47.2#





#55

1,1,2-Trichloroethane

Concen: 0.347 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.122 min

Lab File: VX030136.D

Acq: 20 Jul 2022 16:46

Instrument :

MSVOA_X

ClientSampleId :

SPC-01F-84DL

Tgt Ion: 97 Resp: 699

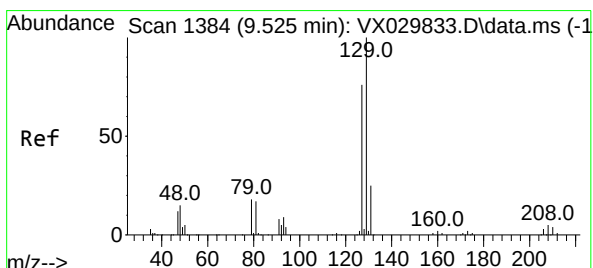
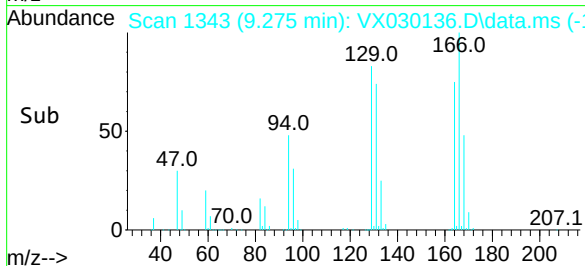
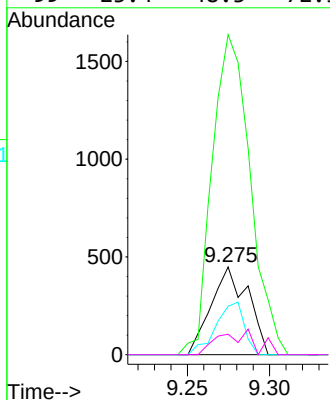
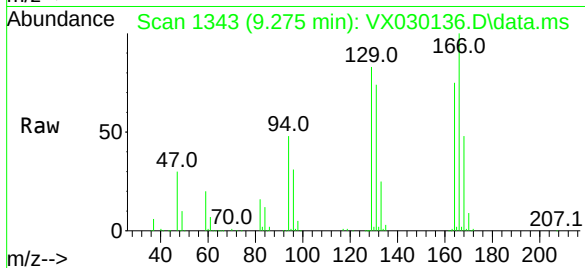
Ion Ratio Lower Upper

97 100

83 364.6 68.9 103.3#

85 55.0 44.0 66.0

99 23.4 48.3 72.5#



#60

Dibromochloromethane

Concen: 44.804 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX030136.D

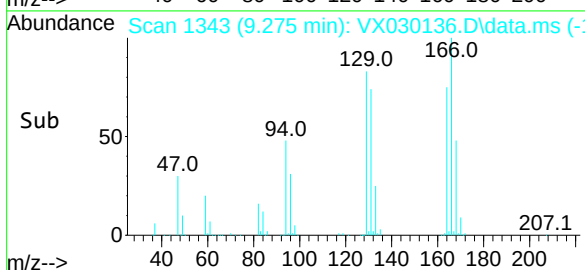
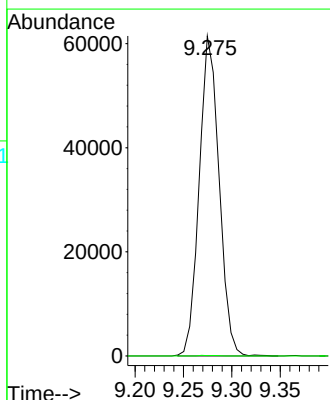
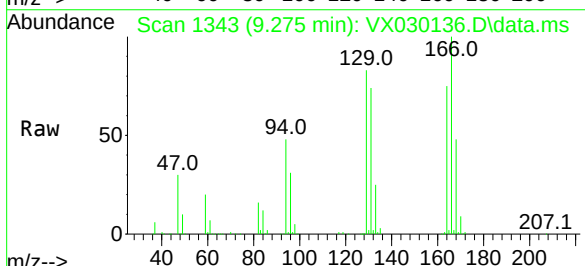
Acq: 20 Jul 2022 16:46

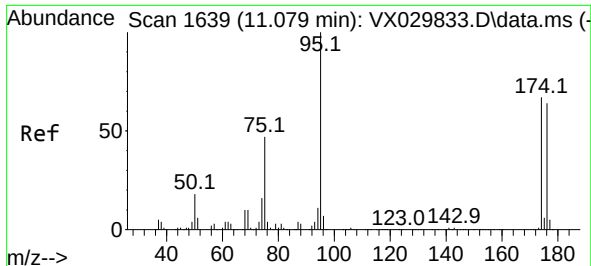
Tgt Ion: 129 Resp: 87965

Ion Ratio Lower Upper

129 100

127 0.2 38.5 115.5#

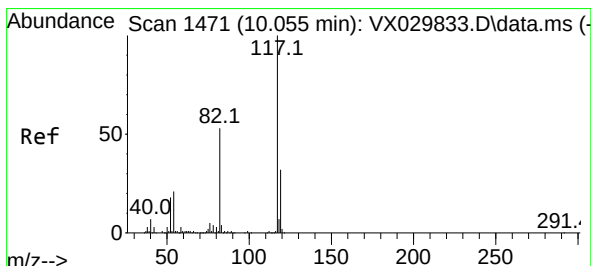
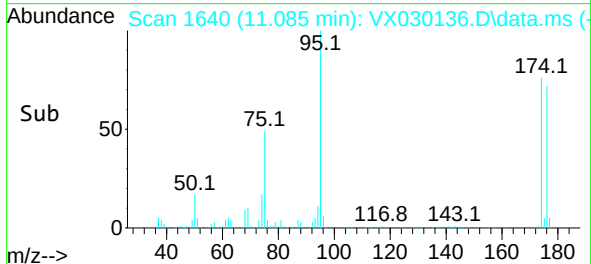
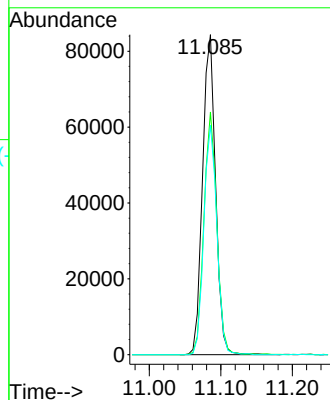
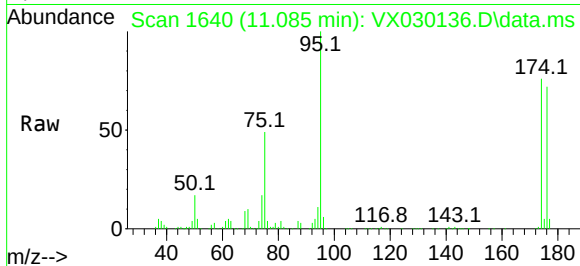




#62
4-Bromofluorobenzene
Concen: 43.185 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

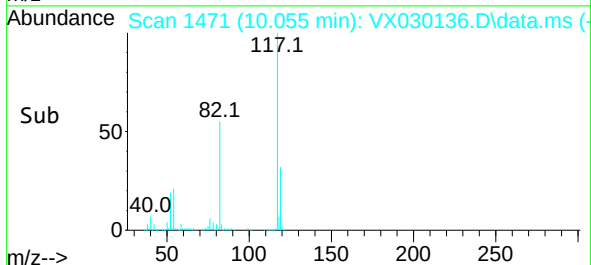
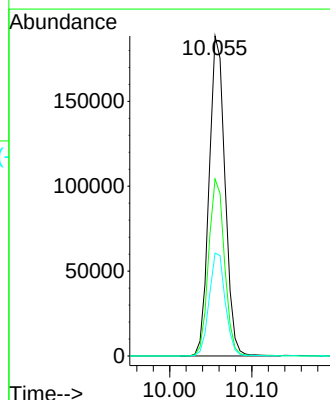
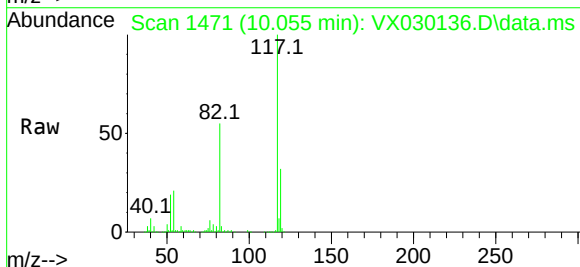
Instrument :
MSVOA_X
ClientSampleId :
SPC-01F-84DL

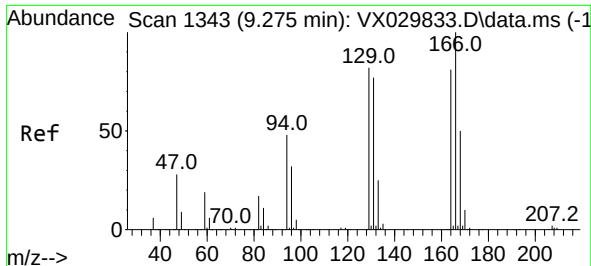
Tgt Ion: 95 Resp: 106692
Ion Ratio Lower Upper
95 100
174 75.3 0.0 149.0
176 71.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

Tgt Ion: 117 Resp: 253357
Ion Ratio Lower Upper
117 100
82 55.3 42.7 64.1
119 32.2 25.4 38.2

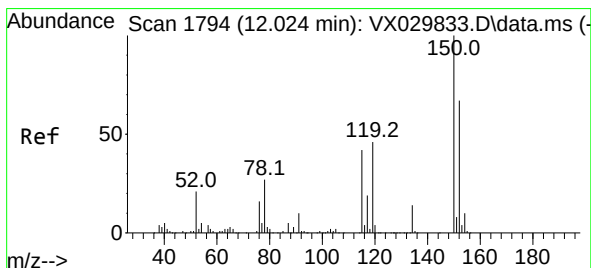
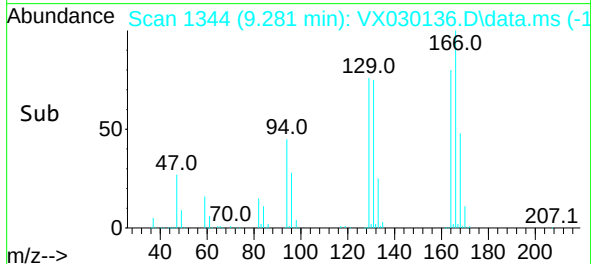
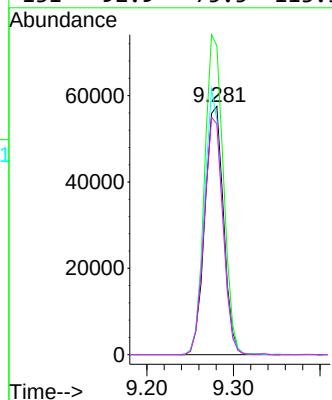
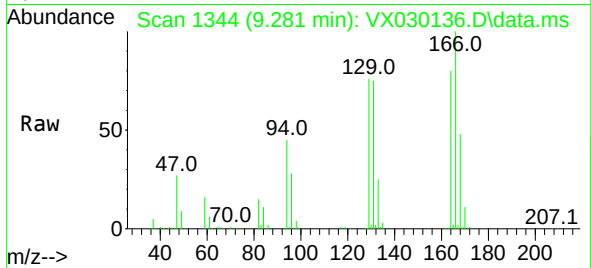




#64
Tetrachloroethene
Concen: 42.433 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

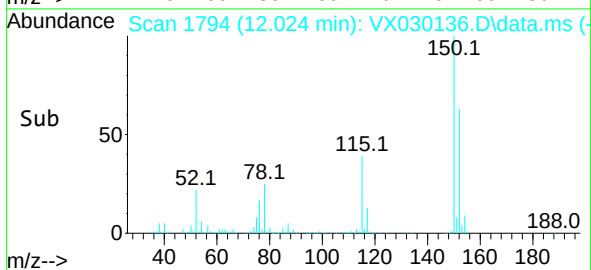
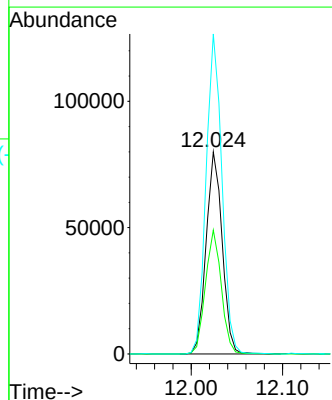
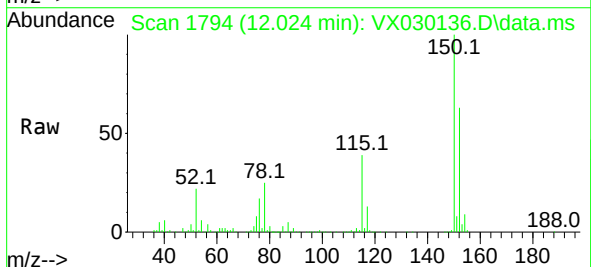
Instrument :
MSVOA_X
ClientSampleId :
SPC-01F-84DL

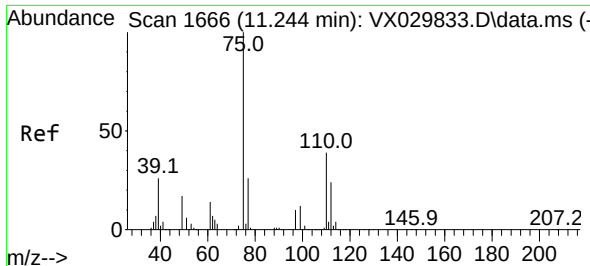
Tgt Ion:164 Resp: 86299
Ion Ratio Lower Upper
164 100
166 124.5 98.2 147.4
129 94.7 80.8 121.2
131 92.9 75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

Tgt Ion:152 Resp: 97417
Ion Ratio Lower Upper
152 100
115 60.7 40.5 121.5
150 156.2 0.0 347.0

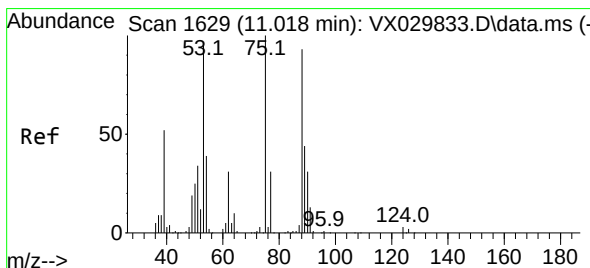
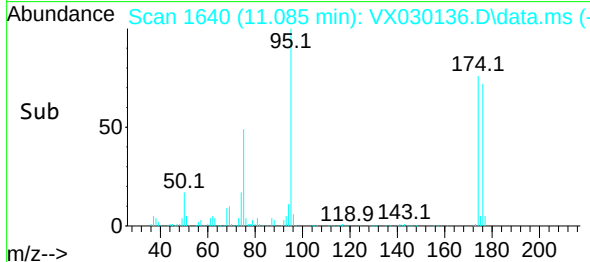
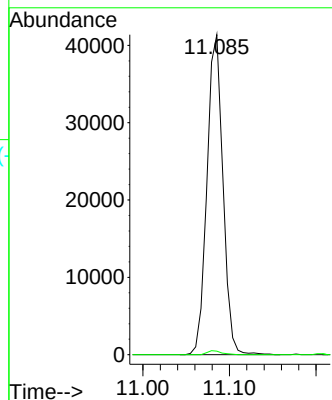
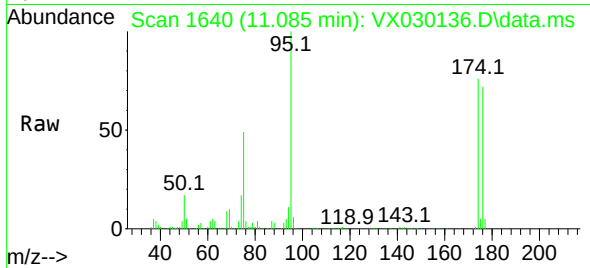




#76
1,2,3-Trichloropropane
Concen: 23.645 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

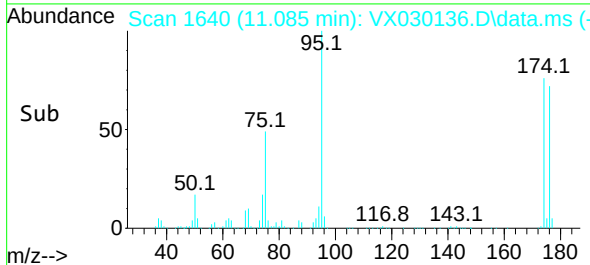
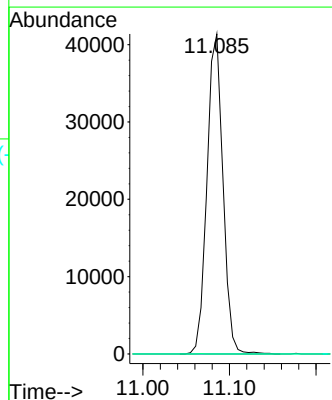
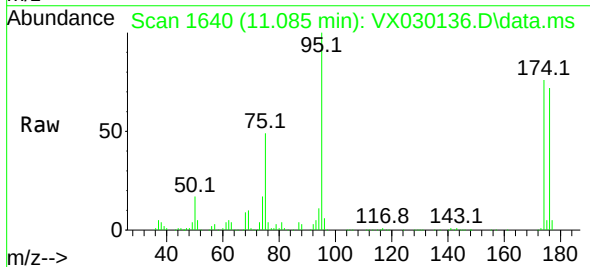
Instrument :
MSVOA_X
ClientSampleId :
SPC-01F-84DL

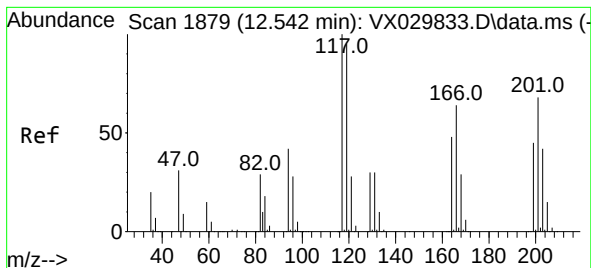
Tgt Ion: 75 Resp: 52960
Ion Ratio Lower Upper
75 100
77 1.1 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.238 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030136.D
Acq: 20 Jul 2022 16:46

Tgt Ion: 75 Resp: 52960
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#





#90

Hexachloroethane

Concen: 0.537 ug/l

RT: 12.542 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030136.D

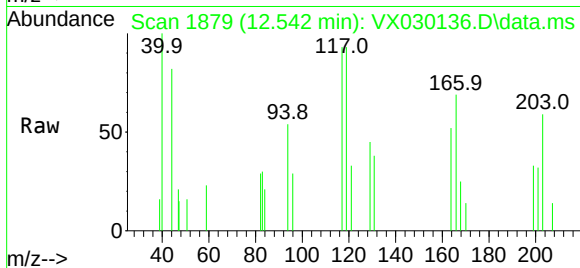
Acq: 20 Jul 2022 16:46

Instrument :

MSVOA_X

ClientSampleId :

SPC-01F-84DL



Tgt Ion:117 Resp: 534

Ion Ratio Lower Upper

117 100

201 46.1 34.2 102.5

